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## In the Claims

Claims 1.-45. (cancelled)

46. (New) A disk recorder apparatus for authenticating a disk containing a digital video signal of at least one camera, recorded onto a fresh disk by a disk recorder, said disk recorder comprising:

controller including code generator for generating an exclusive code and a corresponding code signal for said fresh disk, said exclusive code including data identifying the data source of the digital video signal recorded on the disk, and a code mixer for mixing said digital video signal and said code signal;

a pull lever;

a fresh disk tray for receiving said fresh disk including one or more cutouts, and one of notches and projections for engagement by said pull lever;

a fresh disk tray compartment for loading one or more fresh disk trays including an elevating platform for raising or lowering said fresh disk tray into a feeding position;

a printer comprising an imprinting head supported by a reciprocal up-down arm, for imprinting said exclusive code onto the label side of said fresh disk contained in said tray when said tray is in said feeding position;

a disk driver, a recording head and a pulling table including said pull lever for engaging and transporting said fresh disk tray with an imprinted fresh disk from said feeding position to said disk driver and said recording head for recording said digital video signals mixed or combined with said code signal onto said imprinted fresh disk;

a disk collection compartment for collecting recorded disks contained in said trays including a disk collection elevating platform which is raised or lowered along with the collected trays to a receiving position for receiving a subsequent tray, wherein

a tray containing recorded disk is pushed into said receiving position by said fresh disk tray, or by an additional pull lever included in said pulling table during said transporting and wherein said label side is the surface opposite to the recording surface of said disk.

47. (New) The disk recorder apparatus for authenticating a disk according to claim 46, wherein said imprinting head includes a code reader and said recording head includes a playback head and said controller includes a code extractor and a code comparator, wherein said code reader reads said exclusive code from said label side of said recorded disk and said playback head plays back said digital video signals mixed or combined with said code signals; and

said code extractor extracts said exclusive code from the playback signal and said code comparator outputs authentication signal when the read exclusive code and the extracted exclusive code commensurate.

48. (New) A disk recorder apparatus for authenticating a disk containing digital video signals of at least one camera, recorded onto a labeled fresh disk by a disk recorder, said labeled fresh disk including an exclusive code imprinted onto the label side of said disk said exclusive code including data identifying the data source of the digital video signal recorded on the disk, said disk recorder comprising:

controller including code generator for generating code signal corresponding to said exclusive code for each said fresh disk and a code mixer for mixing said digital video signal and said code signal;

a pull lever;

a fresh disk tray for receiving said labeled fresh disk and comprising one or more cutouts, and one of notches and projections for engagement by said pull lever;

a fresh disk compartment for loading one or more said fresh disk trays and including an elevating platform for raising or lowering said fresh disk tray into a feeding position;

a code reader supported by a reciprocal up-down arm, for reading said exclusive code from said label side when said labeled fresh disk contained in said disk tray is in said feeding position;

a disk driver, a recording head and a pulling table including said pull lever for engaging and transporting said fresh disk tray with said labeled fresh disk from said feeding position to said disk driver and said recording head for recording said digital video signal mixed with said code signal onto said labeled fresh disk;

a disk collection compartment for collecting recorded disks contained in said trays including a disk collection elevating platform which is raised or lowered along with the collected trays to a receiving position for receiving a subsequent tray, wherein

a disk tray containing recorded disk is pushed into said receiving position by said fresh disk tray, or by an additional pull lever included in said pulling table during said transporting and wherein said label side is the surface opposite to the recording surface or said disk.

49. (New) The disk recorder apparatus for authenticating a disk according to claim 48, wherein said recording head includes a playback head for playing back the recorded digital video signal mixed with said code signal from said recorded disk and said controller includes a code extractor and a code comparator; and

said code extractor extracts said exclusive code from the playback signal and said code comparator outputs authentication signal when the read exclusive code and the extracted exclusive code correspond.

- 50. (New) The disk recorder apparatus for authenticating a disk according to claim 46, wherein said fresh disk is one of a non-erasable disk and a re-recordable disk.
- 51 (New) The disk recorder apparatus for authenticating a disk according to claim 48, wherein said labeled disk is one of a non-erasable disk and a re-recordable disk.
- 52. (New) The disk recorder apparatus for authenticating a disk according to claim 46, wherein said printer is selected from a group consisting of a laser printer, an ink jet printer, a hear stamp printer, an ink pad printer, an optical/chemical printer, a ribbon printer and a rubber pad printer.
- 53. (New) The disk recorder apparatus for authenticating a disk according to claim 46, wherein said imprinting head is a label applicator for attaching an exclusively coded labels onto said label side of said fresh disk.

- 54. (New) The disk recorder apparatus for authenticating a disk according to claim 48, wherein said exclusive code is imprinted onto a label attached to said label side of said labeled fresh disk.
- 55. (New) The disk recorder apparatus for authenticating a disk according to claim 46, wherein said pull lever is selected from a group consisting of a self-propelled lever, a spring propelled lever, a motor-activated lever and an electrical plunger-activated lever.
- 56. (New) The disk recorder apparatus for authenticating a disk according to claim 48, wherein said pull lever is selected from a group consisting of a self-propelled lever, a spring propelled lever, a motor-activated lever and an electrical plunger-activated lever.
- 57. (New) The disk recorder apparatus for authenticating a disk according to claim 46, wherein said elevating platform includes an elevating mechanism selected from the group consisting of gear assemblies with gear racks, timing belts with timing gears and threaded shafts with mating threaded sockets.
- 58. (New) The disk recorder apparatus for authenticating a disk according to claim 46, wherein said elevating platform includes an elevating mechanism selected from the group consisting of gear assemblies with gear racks, timing belts with timing gears and threaded shafts with mating threaded sockets.

claim 46, wherein said disk recorder includes at least two disk recording modules vertically stacked and mounted on top of a module elevating platform, each of said disk recording module includes a disk driver and a recording head, and wherein

said module elevating platform is raised or lowered along with said disk recording modules for aligning each of said disk recording modules with said feeding position and said receiving position during said disk tray transporting.

60. (New) The disk recorder apparatus for authenticating a disk according to claim 47, wherein said disk recorder includes at least two disk recording modules vertically stacked and mounted on top of a module elevating platform, each of said disk recording module includes a disk driver and a recording head, and wherein

said module elevating platform is raised or lowered along with said disk recording modules for aligning each of said disk recording modules with said feeding position and said receiving position during said disk tray transporting.

61. (New) The disk recorder apparatus for authenticating a disk according to claim 48, wherein said disk recorder includes at least two disk recording modules vertically stacked and mounted on top of a module elevating platform, each of said disk recording module includes a disk driver and a recording head, and wherein

said module elevating platform is raised or lowered along with said disk recording modules for aligning each of said disk recording modules with said feeding position and said receiving position during said disk tray transporting.

62. (New) The disk recorder apparatus for authenticating a disk according to claim 49, wherein said disk recorder includes at least two disk recording modules vertically stacked and mounted on top of a module elevating platform, each of said disk recording module includes a disk driver and a recording head, and wherein

said module elevating platform is raised or lowered along with said disk recording modules for aligning each of said disk recording modules with said feeding position and said receiving position during said disk tray transporting.

- 63. (New) A disk recording apparatus for automatic feeding of disks for recording digital signals, comprising:
- a fresh disk tray for enclosing a fresh disk and including one or more cutouts, notches and projections for engagement by a pull lever;
- a fresh disk tray compartment for loading one or more said fresh disk trays and including an elevating platform for raising or lowering a fresh disk tray into a feeding position;
- a disk recorder module including a disk driver, a recording and readback head, a controller, and a pulling table including said pull lever for engaging and transporting said disk tray from said feeding position to said disk driver and to said recording and readback head for recording said digital signals onto said fresh disk or for reading back said digital signals from said recorded disk;
- a disk collection compartment for collecting said trays containing said recorded disks and including a disk collection elevating platform which is raised and lowered along with collected trays containing recorded disks to a receiving position for receiving a subsequent tray containing recorded disk; wherein

said trays for enclosing fresh disks and said trays for enclosing recorded disks are identical, and said tray containing recorded disk is pushed into said receiving position by said tray containing fresh disk, or by an additional pull lever included in said pulling table during said transporting.

- 64. (New) The disk recording apparatus according to claim 63, wherein said fresh disk is one of a non-erasable disk and a re-recordable disk.
- 65. (New) The disk recording apparatus according to claim 63, wherein said pull lever is selected from a group consisting of a self-propelled lever, a spring-propelled lever, a motor-activated lever and an electrical plunger-activated lever.
- 66. (New) The disk recording apparatus according to claim 63, wherein said elevating platform includes an elevating mechanism selected from a group consisting of gear assemblies with gear racks, timing belts with timing gears and threaded shafts with mating threaded sockets.
- 67. (New) The disk recording apparatus according to claim 63, wherein said apparatus includes at least two disk recording modules, vertically stacked and mounted on top of a module elevating platform, each of said disk recording module includes a disk driver, a recording and readback head, and wherein

said module elevating platform is raised or lowered along with said disk recording modules for aligning each of said disk recording modules with said feeding position and said receiving position during said disk tray transporting.